

**REMARKS**

The Examiner has restricted claims in the case to three distinct inventions designated as Group I, claims 1-5 drawn to a method of identifying chemical reaction mechanisms for a chemical process, Group II, claims 6-12 drawn to method of identifying materials for the performance of a chemical process, and Group III, claims 13-16 drawn to a process that enables the development of scalable high performance materials.

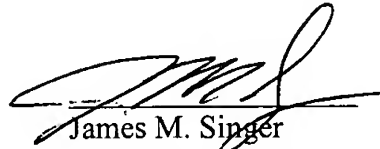
Applicants have elected, without prejudice, the invention of Group III drawn to claims 13-16. By this election, Applicants do not admit, nor do Applicants waive the right to argue against at a later date, the Examiner's statement that the groups of inventions are patentably distinct. Applicants expressly reserve the right to present the claims of Groups I and II, or other claims, in one or more divisional, continuation, or continuation-in-part applications at a later date.

Applicants have added claims 17-28 depending, either directly or indirectly, from elected independent claim 13. The added claims find support in the originally filed specification and, thus, present no new matter.

In view of the above election and remarks, Applicants believe that the application is in condition for examination and allowance on the merits. Favorable resolution is respectfully requested.

This response has been timely filed. Accordingly, no fee is required. In the event that a fee is required for this response, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0436.

Respectfully Submitted,



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Date: July 31, 2003